



# State of Utah

## DEPARTMENT OF ENVIRONMENTAL QUALITY DIVISION OF WATER QUALITY

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S/003/022

DOGM  
MINERALS PROGRAM  
FILE COPY

October 5, 1993

REC 10/8/93

Mr. Lorenzo C. Demars  
233 South 300 East  
Logan, Utah 84321

RE: Lone Pine Mine - Exploration BLM  
UMC No. 136470

Dear Mr. Demars:

We have reviewed a copy of your notice to us from the Bureau of Land Management for a small mining operation, dated August 23, 1993, concerning the referenced project in Box Elder County, Utah. We received this information on August 27, 1993.

It is our understanding that you plan to conduct mining exploration operations consisting of two drill holes 50 feet deep to determine the presence of scheelite tungsten and gold. A ball mill and gravity concentrator are also proposed. If you decide to construct a facility to mine and process ore for extraction of precious metals, we would then need to receive the following information in detail to continue our review:

1. Site and vicinity or location plan.
2. A detailed description and location of the process facility.
3. A description of all chemicals that will be used in the process and concentration of these chemicals in the solutions.
4. A description and size of impoundments if proposed and how they are to be lined to prevent or reduce leakage.
5. The amount of ore that will be processed per day and per year.
6. The total amount of chemicals that will be used per day and per year.

Lorenzo C. Demars

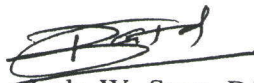
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Following our review of the proposed facility, we will advise you whether you will need a ground water, discharge, and/or construction permits. The permits must be issued before you can begin construction.

If we can be of further assistance, please let me know.

Sincerely,

  
For Lyle W. Stott, P.E.  
Design Evaluation Section

LWS:rvg

cc: Anthony A. Gallegos - Division of Oil, Gas and Mining  
Bear River District Health Department

L:N:DEMARS.036  
FILE:INDUSTRIAL